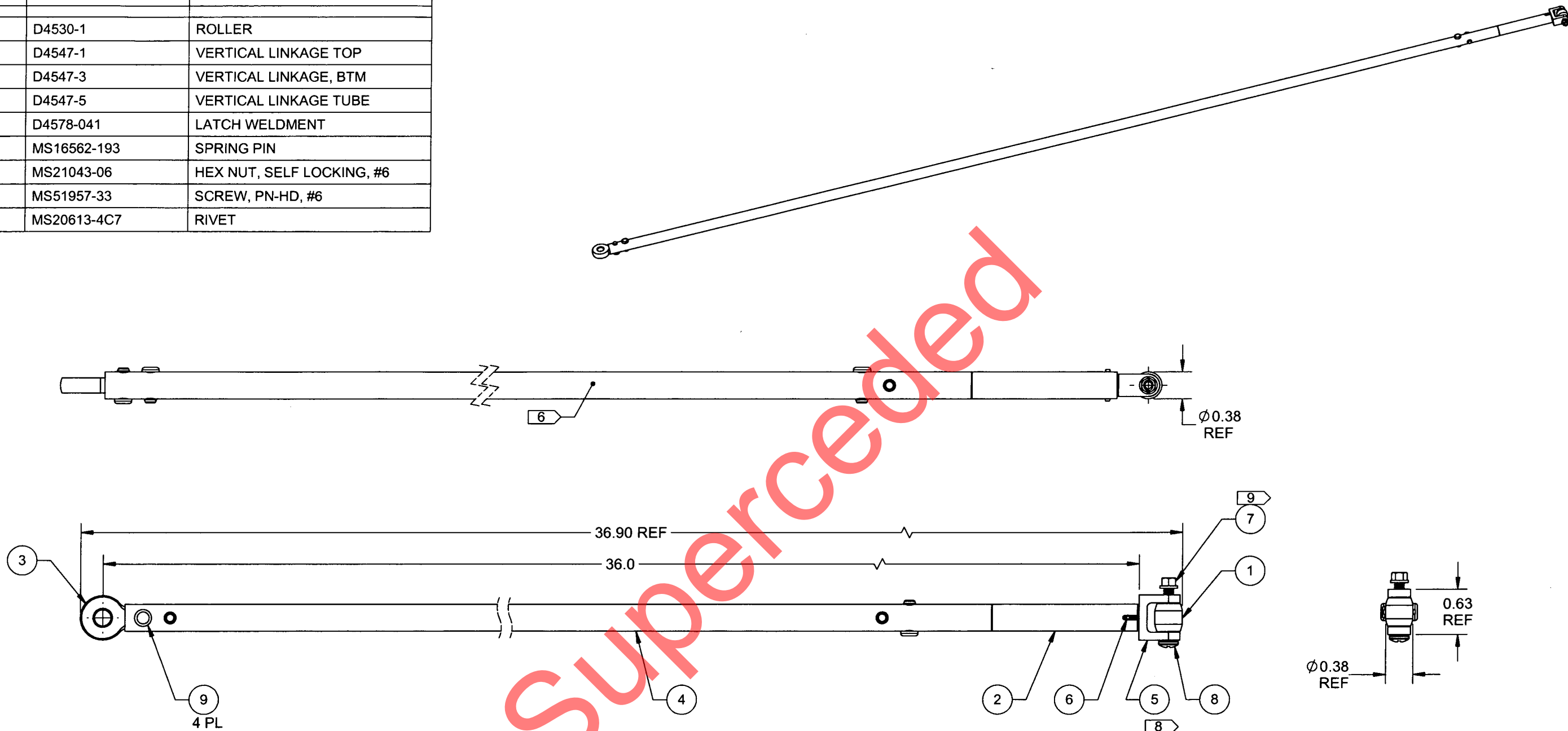


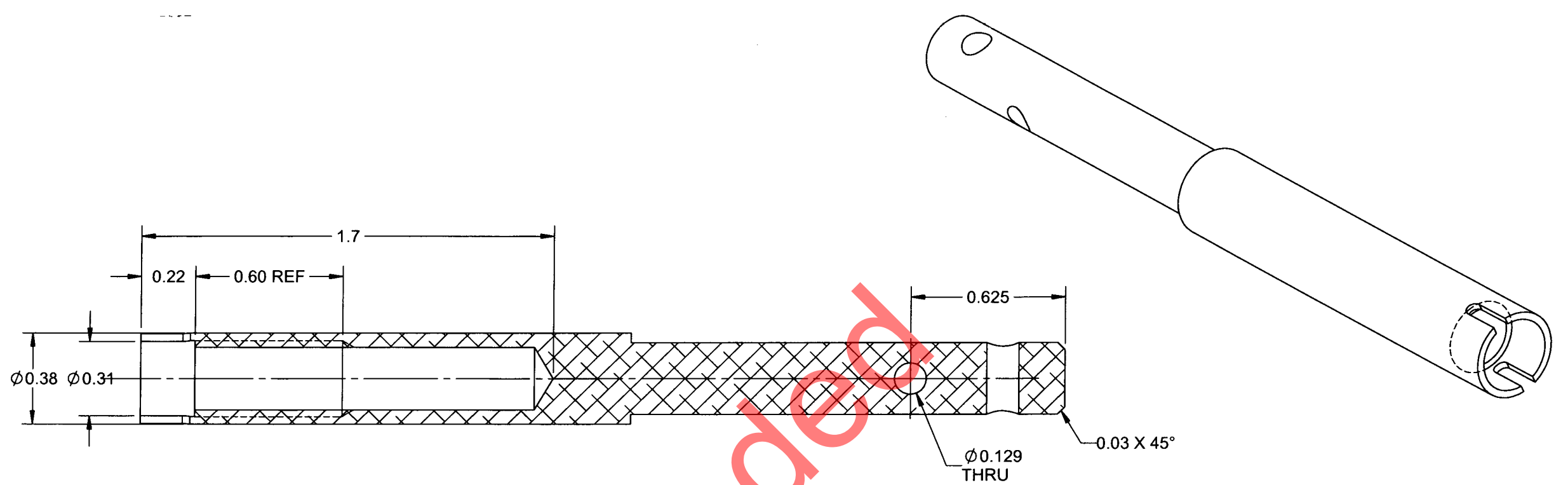
| ITEM | QTY<br>-041 | P/N         | DESCRIPTION               |
|------|-------------|-------------|---------------------------|
|      | X           | D4547-041   | VERTICAL LINKAGE          |
| 1    | 1           | D4530-1     | ROLLER                    |
| 2    | 1           | D4547-1     | VERTICAL LINKAGE TOP      |
| 3    | 1           | D4547-3     | VERTICAL LINKAGE, BTM     |
| 4    | 1           | D4547-5     | VERTICAL LINKAGE TUBE     |
| 5    | 1           | D4578-041   | LATCH WELDMENT            |
| 6    | 1           | MS16562-193 | SPRING PIN                |
| 7    | 1           | MS21043-06  | HEX NUT, SELF LOCKING, #6 |
| 8    | 1           | MS51957-33  | SCREW, PN-HD, #6          |
| 9    | 4           | MS20613-4C7 | RIVET                     |



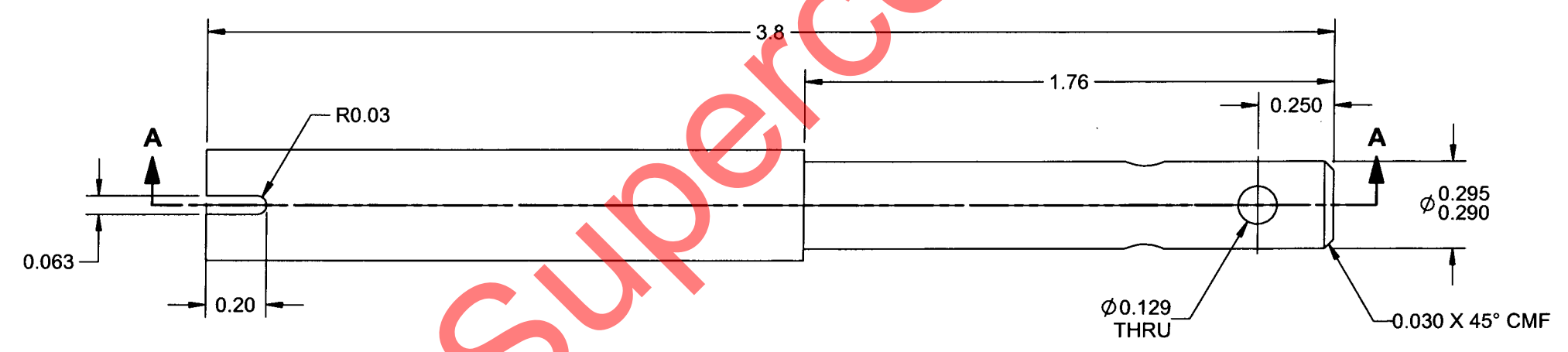
D4547-041 VERTICAL LINKAGE

- NOTES:
- 1) MATERIAL: N/A
  - 2) FINISH: N/A
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: N/A
  - 6) IDENTIFICATION: PER DART QSI 044 6.1
  - 7) WEIGHT: 0.26 lbs
  - 8) INCREASE HOLE DIAMETERS ON LATCH WELDMENT D4578-041 TO 0.140
  - 9) INSTALL NUT FLUSH WITH END OF SCREW  
(TO BE TIGHTENED AT NEXT LEVEL ASSEMBLY)

|            |                    |  |              |
|------------|--------------------|--|--------------|
| A          | NEW ISSUE          | RP   | 12.02.24     |
| REV.       | DESCRIPTION        | BY   | DATE         |
| DESIGN     | RP                 | <b>DART AEROSPACE LTD</b><br>HAWKESBURY, ONTARIO, CANADA   |              |
| DRAWN      | RP                 |  |              |
| CHECKED    | <i>[Signature]</i> | DRAWING NO.  | REV. A       |
| MFG. APPR. | <i>[Signature]</i> | <b>D4547</b>   | SHEET 1 OF 4 |
| APPROVED   | <i>[Signature]</i> | TITLE  | SCALE        |
| DE APPR.   | <i>[Signature]</i> | <b>VERTICAL LINKAGE ASSY</b>   | NTS          |
| DATE       | 12.02.24           | COPYRIGHT © 2012 BY DART AEROSPACE LTD<br>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS<br>NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT<br>WRITTEN PERMISSION FROM DART AEROSPACE LTD. |              |



**SECTION A-A**



**D4547-1 VERTICAL LINKAGE TOP**

**RELEASED**  
2012-03-08

- NOTES:**
- 1) MATERIAL: AISI 304/316 SS ROUND BAR  
PER ASTM A276 OR ASTM A240  
REF DART SPEC M304R
  - 2) FINISH: N/A
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: PER DART QSI 044 6.6 OR 6.7
  - 7) WEIGHT: 0.06 lbs

|            |          |   |              |
|------------|----------|---|--------------|
| DESIGN     | RP       | <b>DART AEROSPACE LTD</b><br>HAWKESBURY, ONTARIO, CANADA  |              |
| DRAWN      | RP       |   |              |
| CHECKED    | A.P.     | DRAWING NO.   | REV. A       |
| MFG. APPR. |          | <b>D4547</b>  | SHEET 2 OF 4 |
| APPROVED   |          | TITLE   | SCALE        |
| DE APPR.   |          | <b>VERTICAL LINKAGE ASSY</b>  | NTS          |
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D

C

B

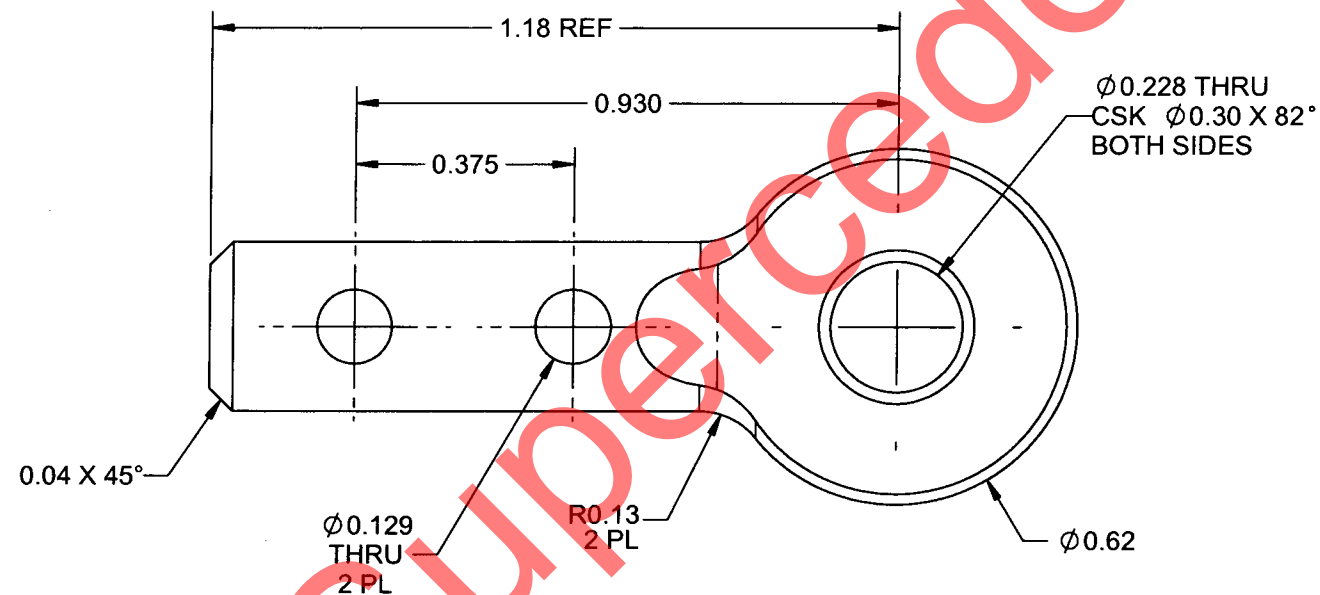
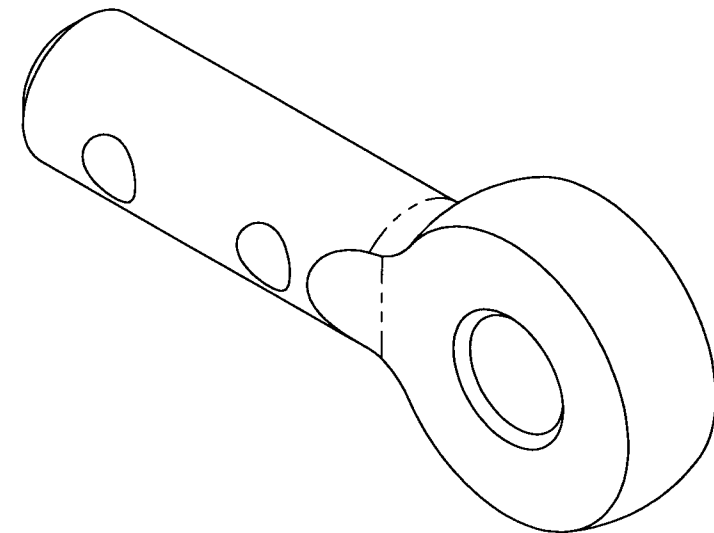
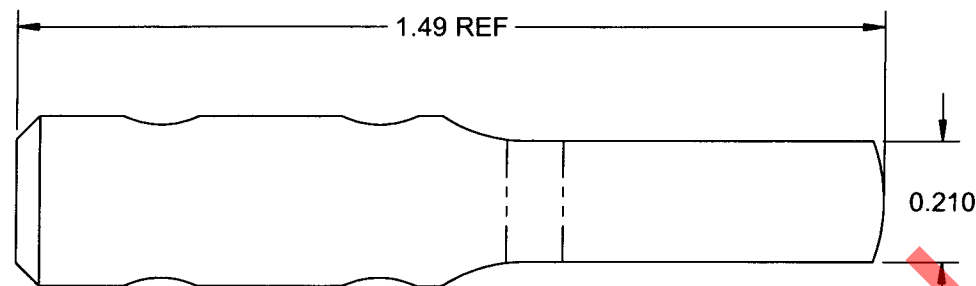
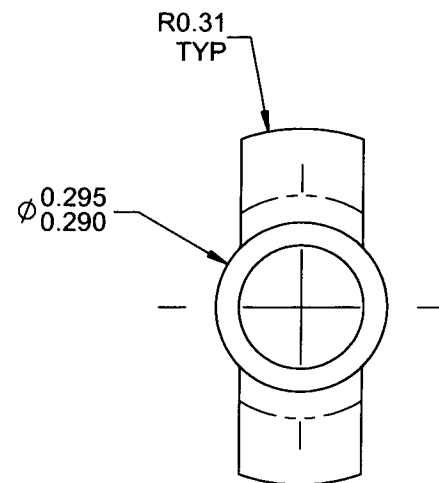
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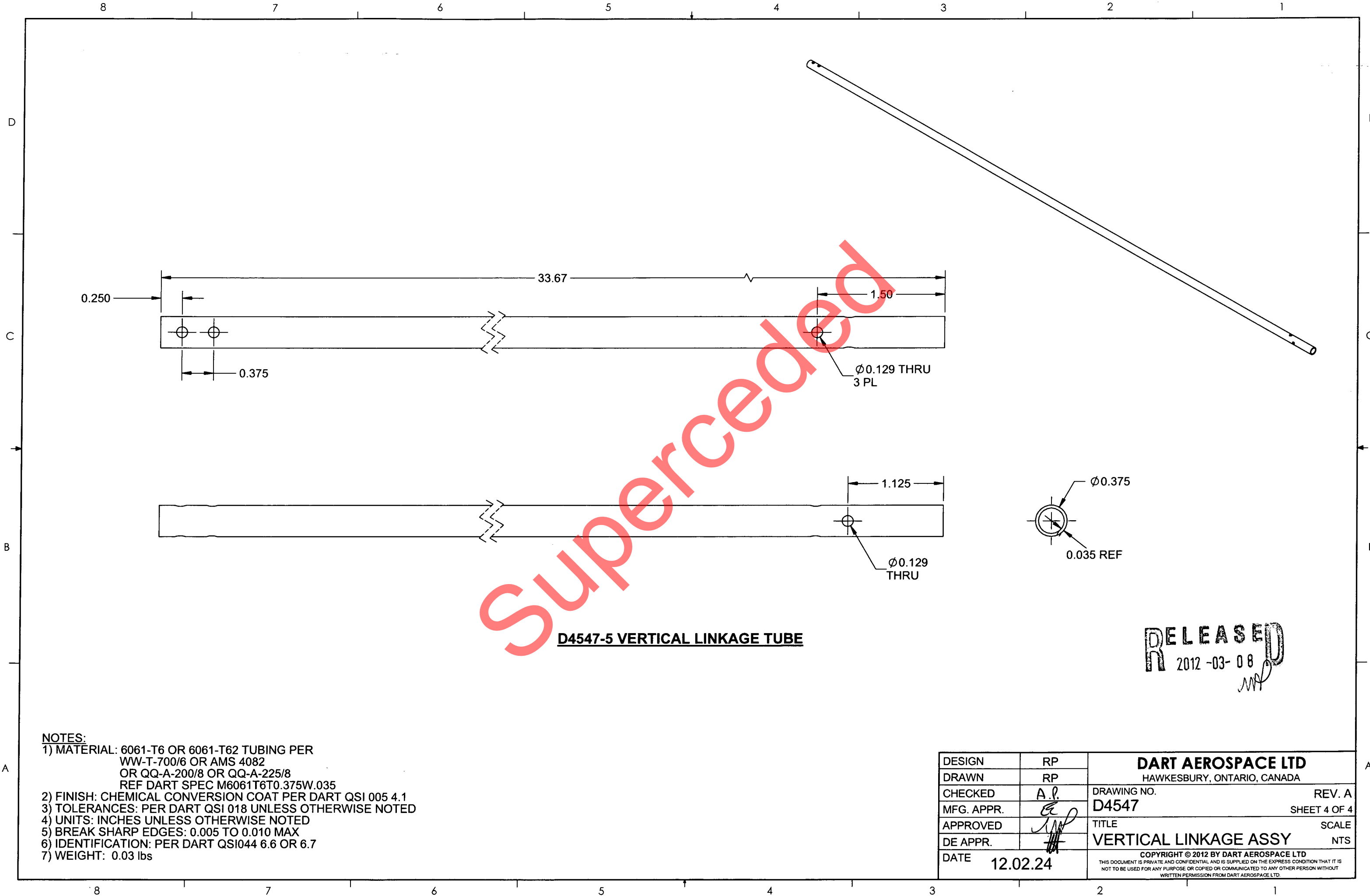
**D4547-3 VERTICAL LINKAGE, BTM**

RELEASED  
2012-03-08

**NOTES:**

- 1) MATERIAL: AISI 304/316 SS BAR OR PLATE PER ASTM A276 OR ASTM A240 REF: DART SPEC M304B
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: PER DART QSI044 6.6 OR 6.7
- 7) WEIGHT: 0.03 lbs

|            |          |  |                        |
|------------|----------|--|------------------------|
| DESIGN     | RP       | <b>DART AEROSPACE LTD</b><br>HAWKESBURY, ONTARIO, CANADA   |                        |
| DRAWN      | RP       |  |                        |
| CHECKED    |          | DRAWING NO.<br><b>D4547</b>  | REV. A<br>SHEET 3 OF 4 |
| MFG. APPR. |          | TITLE<br><b>VERTICAL LINKAGE ASSY</b>  | SCALE<br>NTS           |
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| DATE       | 12.02.24 |  |                        |



**D4547-5 VERTICAL LINKAGE TUBE**

**RELEASED**  
2012-03-08

- NOTES:  
1) MATERIAL: 6061-T6 OR 6061-T62 TUBING PER  
WW-T-700/6 OR AMS 4082  
OR QQ-A-200/8 OR QQ-A-225/8  
REF DART SPEC M6061T6T0.375W.035  
2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1  
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED  
4) UNITS: INCHES UNLESS OTHERWISE NOTED  
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX  
6) IDENTIFICATION: PER DART QSI044 6.6 OR 6.7  
7) WEIGHT: 0.03 lbs

|            |                    |  |              |
|------------|--------------------|--|--------------|
| DESIGN     | RP                 | <b>DART AEROSPACE LTD</b><br>HAWKESBURY, ONTARIO, CANADA   |              |
| DRAWN      | RP                 |  |              |
| CHECKED    | A.P.               | DRAWING NO.<br><b>D4547</b>  | REV. A       |
| MFG. APPR. | <i>[Signature]</i> |  | SHEET 4 OF 4 |
| APPROVED   | <i>[Signature]</i> | TITLE<br><b>VERTICAL LINKAGE ASSY</b>  | SCALE<br>NTS |
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| DATE       | 12.02.24           |  |              |